

Portland Harbor benthic risk working  
Rob/Joe/Ben (including Burts input)  
May 3, 2007 (revised May 7, 2007)

**Objective:**

Use benthic risk LOE's, weighting and criteria to evaluate benthic risk data  
(Round 3 data gap planning)

Question: Is there likely enough data to assess benthic risk?

If not enough data to adequately assess benthic risk then rationale for data  
needed (data gaps) is addressed in criteria

**Criteria** for evaluating benthic risk LOE's: bioassay/sediment

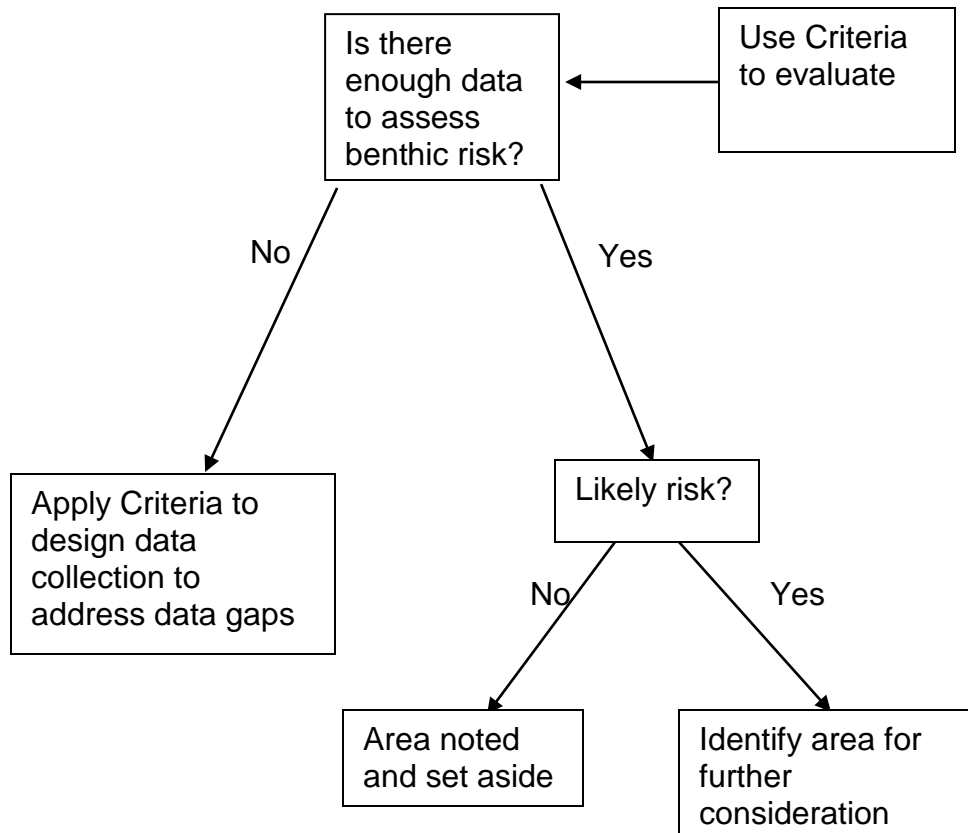
1. Lack of spatial coverage; not enough data collected to evaluate adequacy
2. Extent of risk not bounded
3. Comparison of LOE's (predictive models and bioassay data)
  - A. Lack of concordance between predicted (models) and measured Toxicity (bioassay)
  - B. Lack of concordance between predicted models and insufficient toxicity data (bioassay)
  - C. Concordance between models and insufficient toxicity

**Course of Action:**

1. No Action
  - Area with data (predictive model or bioassay) not targeted for Round 3B data collection
2. Potential Data Gap
  - Area identified as requiring additional data collection for adequate characterization based on above Criteria
3. Area of Interest
  - Area identified as Potential Benthic Risk not requiring additional bioassay or surface sediment sampling Round 3B
4. Unsure
  - Not sure

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Other LOE's with need for further bioassay sampling:

- TZW
  - Coverage
  - Confirming toxicity
- Tissue chemistry? Confirming clam/lab worms